

TRANSMITTING CIRCUIT AND METHOD THEREOF, RECEIVING
CIRCUIT AND METHOD THEREOF, AND DATA COMMUNICATION
APPARATUS

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ABSTRACT OF THE DISCLOSURE

A method of frame synchronization serial data
transmission. A transmitting circuit in a data
10 communication apparatus converts frame data into serial
data and transmit the same, and following the serial
data, the transmitting circuit transmits frame
synchronization data varying several times in the
interval from an edge of a clock signal to an edge of the
15 next clock signal; a receiving circuit receives the frame
data and detects twice or more variations in the same
interval to find out the end of the frame data, by
receiving the serial data from a signal lines, serial
data is transmitted while carrying out frame
20 synchronization.